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Date: May 30, 2001

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Total Number of Pages (including this cover sheet): **4**TO: **Examiner J. Fredman**  
Group Art Unit 1655

FAX #: 703-305-3014 or 703-308-4242

FIRM NAME: **United States Patent and**  
**Trademark Office**LOCATION: **Washington, D.C.**

TELEPHONE #: 703-308-6568

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MAY 30 2001FROM: **Scott A. Marks, Esq.****GROUP 1600**

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COMMENTS:

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PLEASE CONTACT **Molly Chlebeck** AT (612) 343-2198  
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Reference # **3280-454357-1**

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Henderson et al.

Serial No.: 09/574,519

Group Art Unit: 1655

Filed: May 18, 2000

Examiner: J. Fredman

Title: Method and Apparatus for Solid State Molecular Analysis

PROPOSED AMENDMENT

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MAY 30 2001

GROUP 1600

Dear Sir:

The below proposed amendments to the claims are submitted for discussion during our interview on Friday, June 1 at 10:00 EST. These proposed amendments are in regards to the Office Action mailed on April 16, 2001.

## IN THE CLAIMS

Proposed amendments to independent claim 56 as follows:

56. A molecular array for characterizing molecular interaction events, comprising:

(a) a surface; and

(b) [an] at least one biologically or chemically based molecular deposition domain [deposited] on said surface wherein the spatial address of the domain is less than one micron in area.

56. A molecular array for characterizing molecular interaction events, comprising: